

487594

ABSTRACT OF THE DISCLOSURE

A motor vehicle has a plurality of electric consuming devices and a power supply system for supplying the electric consuming devices with electric energy. The power supply system has a decentralized construction and, for supplying electric energy to at least one electric consuming device or to a group of electric consuming devices, has a fuel cell system which is electrically isolated from other power sources and which is arranged in the proximity to the assigned consuming device or group of consuming devices. The decentralized construction may have many mutually independent fuel cell systems, permitting a high-efficiency power supply.